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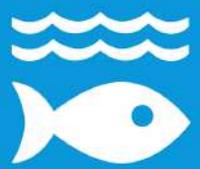
International
School Challenge!

CLEAN MACHINE
To the Rescue

Little
Inventors
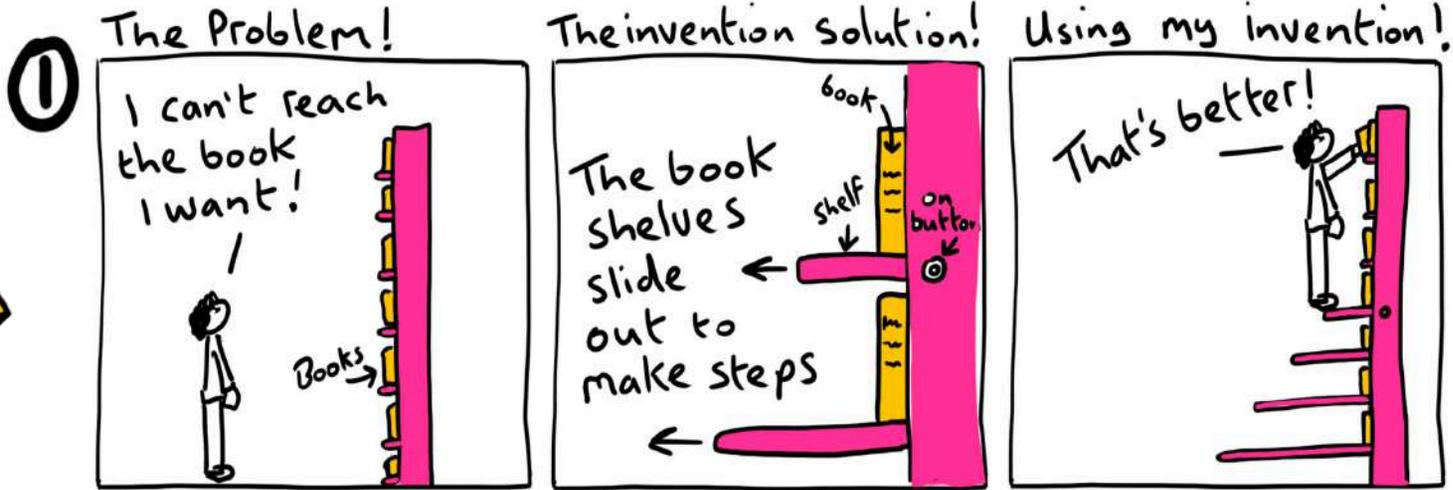Ingenious Ideas

SUSTAINABLE
DEVELOPMENT GOALS

14 LIFE
BELOW WATER

ACTIVITIES

Thinking up a short story can help to come up with new invention ideas. Stories have a beginning, a middle and an end.

1. At the beginning there's a problem. Who has the problem and what are they finding difficult or annoying to do?

2. In the middle, think about a way to solve the problem in a fun, practical, clever or totally bonkers way!

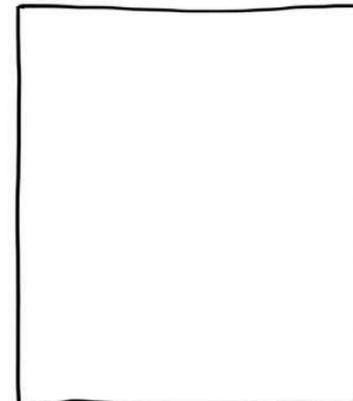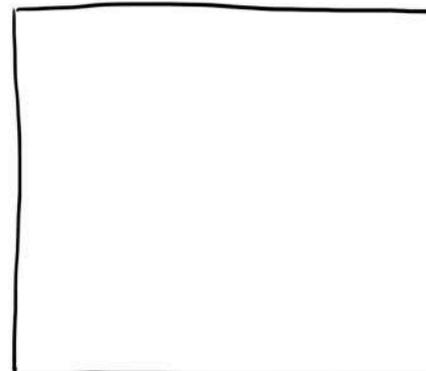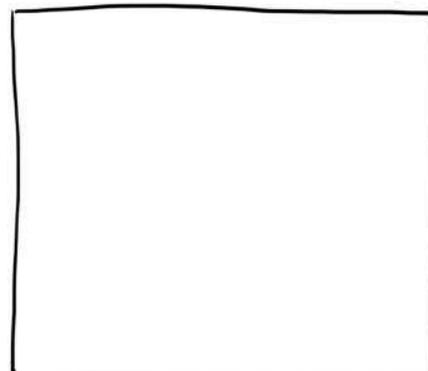3. Then at the end show how the problem was solved and how your invention is used.

Here's some examples

① The Problem!

I can't reach the book I want!

Books →

The invention Solution!

book

shelf

On button

The book shelves slide out to make steps

Using my invention!

That's better!

② The Problem!

The dog doesn't like the rain

The invention Solution!

umbrella

dog collar

Using my invention!

The dog is happy with his Dogbrella!
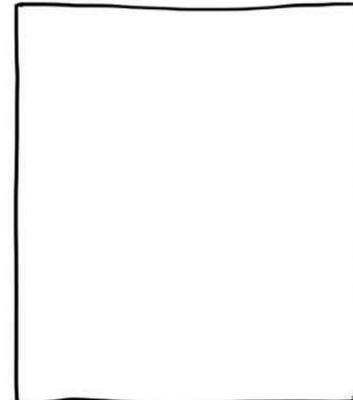
Now solve the problems on the next page

Little Inventors
Ingenious Ideas

Solve these problems

Now make up your own!

The Problem!

Mary wants to join the party over the tall fence

The invention Solution!

Using my invention!

I get sad and lonely in my burrow.

"The waves are huge, I feel sea sick!"

Little Inventors
Ingenious Ideas
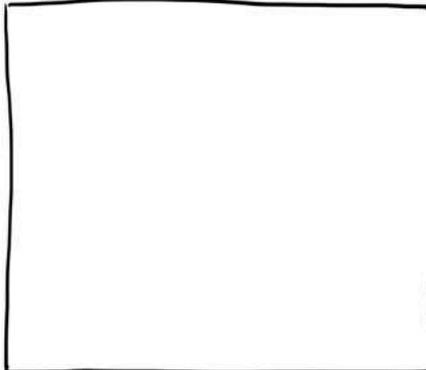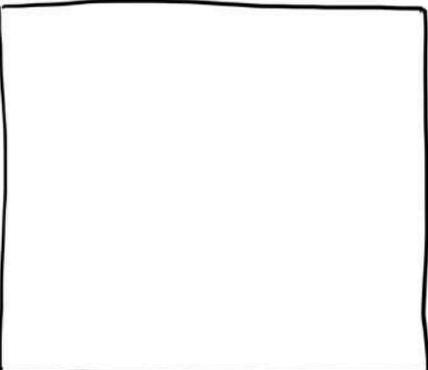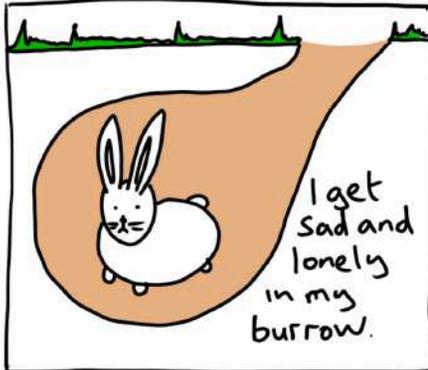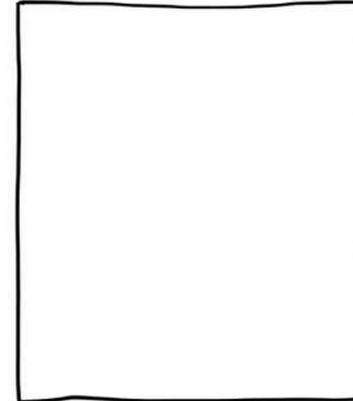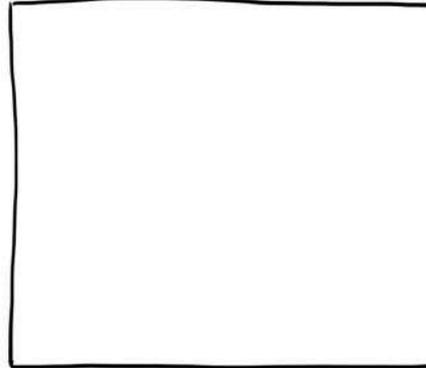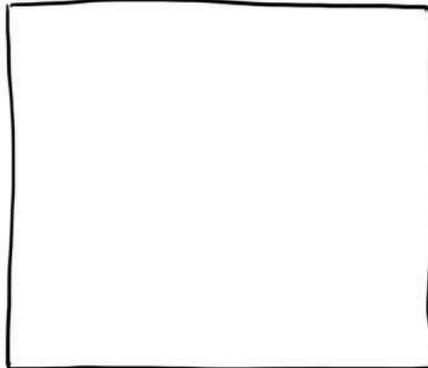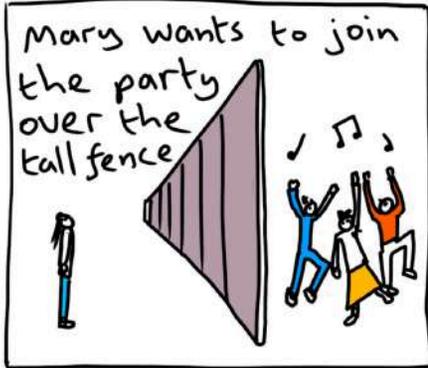
What sea creature superpower would you like to have?

What would you do with it?

Imagining what it's like to be a fish helps give me ideas!

Combine the abilities of two sea animals to make a super creature!
Draw it and add labels.

Little Inventors
Ingenious Ideas

Use this profiler and the animal profile pack to explore and record information about an ocean animal that needs protecting.

What's special about me?

_____
_____
_____
_____
_____
_____

What are my main dangers or challenges?

_____
_____
_____
_____
_____
_____

How you can help me?

_____
_____
_____
_____
_____

Draw your animal here

I am: _____

I live: _____

I eat: _____

_____

_____

Little Inventors
Ingenious Ideas

Write a story about an invention that helps protect the ocean and marine life. Who needs help, what's the problem, and how does the invention make life below water better?

Think about the characters in your story, who are they and why might they need your invention?

_____
_____
_____
_____
_____
_____

Beginning: How does it start? Where is it set?

_____
_____
_____
_____
_____
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Middle: What is the problem that needs solving?

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End: How could your invention help? What happens next?

_____
_____
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_____
_____

Little Inventors
Ingenious Ideas

Cut up the cards and pick one to get started.

Invent a device that protects coral reefs from warming seas	Invent a way to help turtles and whales avoid boats	Create a way to protect the ocean using ideas from sea animals
Invent a fishing tool that only catches the right fish and lets others go free	Invent a way to track fish numbers so people don't take too many	Invent a way to help sea animals find safe places to live
Design a way to protect turtle eggs and baby turtles	Invent something inspired by how a sea animal moves, hides or eats	Invent something that helps dolphins stay safe around people and boats
Invent a way to help beluga whales communicate and navigate in noisy oceans	Invent something that helps jellyfish survive in a world they can't control	Invent something that helps seabed animals avoid being caught by accident

ACTIVITY: MINI CHALLENGE CARDS

Little Inventors
Ingenious Ideas

SUSTAINABLE DEVELOPMENT GOALS

14 LIFE BELOW WATER

Can you invent something to help protect life below water and keep our oceans healthy?

International School Challenge!

Little Inventors
Ingenious Ideas

Invention name

First name _____ Age _____

School _____

Town/city _____

Country _____

Tell us more!
(Who it is for, what it does, how it works)

_____
_____
_____
_____
_____
_____
_____
_____

MY INVENTION